

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)

2004US301

Application Number

10/808,884

Applicant(s)

Yu SUI et al.

Filing Date

March 25, 2004

Group Art Unit

1756

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REP	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2003/0215736 A1	11/20/2003	Oberlander et al.	430	270.1	
		2004/0018451 A1	1/29/2004	Choi	430	313	

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

WTD		Copies of the Notification Concerning Transmittal of Copy of International Preliminary Report on Patentability (Chapter 1 of the Patent Cooperation Treaty) (Form PCT/IB/326); of the International Preliminary Report on Patentability (Form PCT/IB/373); and of the Written Opinion of the International Searching Authority (Form PCT/ISA/237).

EXAMINER

K. Duda

DATE CONSIDERED

7/23/07

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				ATTY DOCKET NO. 2004US301		SERIAL NO. 10/808,884	
				Yu SUI et al.			
				FILING March 25, 2004		GROUP 1756	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
KUTD	4,845,265	7/4/1989	Lapin et al.	560	84		
KUTD	5,939,235	8/17/1999	Kondo et al.	430	270.1		
KUTD	5,972,560	10/26/1999	Kaneko et al	430	270.1		
KUTD	6,124,077	9/26/2000	Imai et al.	430	281.1		
KUTD	6,187,509 B1	2/13/2001	Imai et al.	430	284.1		
KUTD	6,846,612 B2	1/25/2005	Deshpande	430	271.1		
KUTD	US 2002/0045130 A1	4/18/2002	Nitta et al.	430	288.1		
KUTD	US 2003/0162120 A1	8/28/2003	Yoon et al.	430	156		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
KUTD	JP 6-295064 A	10/21/1994	JAPAN			✓	English Abstract only
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
KUTD		English Language Abstract of JP 6-295064 A.					
KUTD		Houlihan et al., "Chemically Amplified Resists: The Chemistry and Lithographic Characteristics of Nitrobenzyl Benzenesulfonate Derivatives", Journal of Photopolymer Science and Technology, Vol. 1, No. 3, pp. 259 - pp. 273 (1990)					
EXAMINER K. Duda			DATE CONSIDERED 7/23/07				

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) 2004US301	Application Number 10/808,884
		Applicant(s) YU SUI et al.	
		Filing Date 3/25/04	Group Art Unit 1756

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
KAD	Lee et al., "Performance of vinyl ether cross-linkers on resist for 193 nm lithography", SPIE, Vol. 4690, pp. 541 - 548 (2002)
KAD	Moon et al., "Three-component photoresists based on thermal crosslinking and acidolytic cleavage", Polymer 41, pp. 4013 - pp. 4019 (2000)
KAD	Nakano et al., "Positive-Type Photopolyimide Based on Vinyl Ether Crosslinking and De-Crosslinking", Journal of Photopolymer Science and Technology Vol. 13, No. 5, pp. 715 - pp. 718 (2000)
KAD	Noppakunkilograt et al., "Visible Light-Sensitive Positive-Working Photopolymer Based on Poly(p-hydroxystyrene) and Vinyl Ether Crosslinker", Journal of Photopolymer Science and Technology Vol. 13, No. 5, pp. 719 - pp. 722 (2000)
KAD	Schacht et al., "Acid Labile Cross-Linked Units: A Concept for Improved Positive Deep-UV Photoresists", American Chemical Society, pp. 78 - pp. 94 (1998)
KAD	White et al., "Synthesis and characterization of photodefinable polycarbonates for use as sacrificial materials in the fabrication of microfluidic devices", SPIE Vol. 4690, pp. 242 - pp. 253 (2002)
KAD	Yamada et al., "The design and study of aqueous-processable positive tone photoresists", SPIE Vol. 3999, pp. 569 - pp. 578 (2000)
KAD	Yamada et al., "Positive and Negative Tone Water Processable Photoresists: A Progress Report", SPIE Vol. 3333, pp. 245 - pp. 253 (2000)
KAD	Yamaoka et al., "Reaction of vinyl ethers and application of photoreactive process", Trends in Photochemistry & Photobiology Vol. 7, pp. 47 - pp. 70 (2001)
KAD	Editor Leonard V. Interrante, Chemistry of Materials, Vol. 6, No. 10 (1994), pp. 1A-6A.

EXAMINER	DATE CONSIDERED

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